Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086978.D
Acq On : 13 May 2016 18:38
Operator : UM/SJ
Sample : PB90587BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90587BS

Manual Integrations APPROVED
sohil
5/14/2016 10:00:28 AM

Quant Time: May 13 23:05:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	141975	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	591333	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	301793	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	590485	20.00	ng		0.00
75) Chrysene-d12	13.76	240	487531	20.00	ng		0.00
86) Perylene-d12	15.11	264	402731	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	992026	118.33	ng		0.01
7) Phenol-d6	6.28	99	1223548	109.20	ng		0.00
23) Nitrobenzene-d5	7.19	82	808385	68.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	379987	118.93	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1305083	72.68	ng		0.00
78) Terphenyl-d14	12.71	244	1427184	62.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	114206	27.75	ng	#	69
3) Pyridine	2.75	79	300060	29.82	ng	#	66
4) n-Nitrosodimethylamine	2.70	42	265530	36.39	ng	#	47
6) Aniline	6.28	93	335224	24.74	ng	#	45
8) 2-Chlorophenol	6.40	128	354846	35.08	ng	#	81
9) Benzaldehyde	6.16	77	29692	4.58	ng		91
10) Phenol	6.30	94	508482	38.18	ng		85
11) bis(2-Chloroethyl)ether	6.35	93	341776	32.91	ng	#	80
12) 1,3-Dichlorobenzene	6.55	146	351755m	32.13	ng		
13) 1,4-Dichlorobenzene	6.63	146	379399	33.98	ng		94
14) 1,2-Dichlorobenzene	6.79	146	331834	34.10	ng		95
15) Benzyl Alcohol	6.78	79	322704	41.71	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	738289	32.70	ng	#	47
17) 2-Methylphenol	6.90	107	308259	38.29	ng	#	83
18) Hexachloroethane	7.12	117	138110	32.88	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	281569	35.96	ng	#	61
20) 3+4-Methylphenols	7.06	107	403010	38.33	ng	#	59
22) Acetophenone	7.04	105	521485	37.34	ng	#	97
24) Nitrobenzene	7.21	77	443187	36.58	ng		94
25) Isophorone	7.45	82	760434	34.80	ng		99
26) 2-Nitrophenol	7.53	139	186033	34.94	ng		97
27) 2,4-Dimethylphenol	7.59	122	331112	36.50	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	460662	39.09	ng		98
29) 2,4-Dichlorophenol	7.78	162	298742	37.42	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	322114	36.08	ng		98
31) Naphthalene	7.92	128	1000851	33.79	ng		99
32) Benzoic acid	7.74	122	197051	36.99	ng		91
33) 4-Chloroaniline	7.99	127	215057	18.69	ng		95
34) Hexachlorobutadiene	8.04	225	179887	34.73	ng		100
35) Caprolactam	8.36	113	103648m	38.16	ng		
36) 4-Chloro-3-methylphenol	8.49	107	353616	36.52	ng		91
37) 2-Methylnaphthalene	8.62	142	701467	40.51	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	288149	32.84	ng		98
40) Hexachlorocyclopentadiene	8.76	237	263124	63.18	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	194232	33.10	ng		96
43) 2,4,5-Trichlorophenol	8.96	196	204477	33.70	ng		92
45) 1,1'-Biphenyl	9.08	154	885495	36.89	ng		99
46) 2-Chloronaphthalene	9.11	162	648665	34.49	ng		98
47) 2-Nitroaniline	9.21	65	254058	36.96	ng	#	76
48) Acenaphthylene	9.52	152	1033544	37.36	ng		98
49) Dimethylphthalate	9.39	163	781390	33.94	ng		99
50) 2,6-Dinitrotoluene	9.45	165	164784	34.01	ng	#	64
51) Acenaphthene	9.69	154	638969	37.13	ng		98
52) 3-Nitroaniline	9.62	138	120582	23.64	ng		83
53) 2,4-Dinitrophenol	9.74	184	178288	72.77	ng	#	83
54) Dibenzofuran	9.86	168	907112	41.07	ng		100
55) 4-Nitrophenol	9.82	139	249461	73.72	ng	#	52
56) 2,4-Dinitrotoluene	9.86	165	247213	41.23	ng		92
57) Fluorene	10.19	166	691850	36.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	193587	42.38	ng		94
59) Diethylphthalate	10.09	149	801955	35.74	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	316110	36.84	ng		97
61) 4-Nitroaniline	10.24	138	185594	37.88	ng	#	68
62) Azobenzene	10.35	77	938208	38.76	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	132109	36.01	ng		89
65) n-Nitrosodiphenylamine	10.32	169	662239	36.51	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	211683	35.36	ng	#	78
67) Hexachlorobenzene	10.74	284	229210	32.76	ng	#	76
68) Atrazine	10.86	200	230299	38.00	ng		95
69) Pentachlorophenol	10.95	266	241749	74.76	ng		98
70) Phenanthrene	11.15	178	1114453	35.37	ng		99
71) Anthracene	11.21	178	1169851	36.30	ng		98
72) Carbazole	11.37	167	1124357	40.58	ng		100
73) Di-n-butylphthalate	11.70	149	1177904	34.82	ng	#	99
74) Fluoranthene	12.33	202	1094226	33.76	ng		99
76) Benzidine	12.47	184	374641	30.14	ng		96
77) Pyrene	12.56	202	1142987	30.62	ng		100
79) Butylbenzylphthalate	13.19	149	502443	31.83	ng	#	67
80) Benzo(a)anthracene	13.75	228	962824	35.18	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	224282	12.90	ng		99
82) Chrysene	13.78	228	923099	33.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	627172	33.03	ng	#	94
84) Di-n-octyl phthalate	14.37	149	1198624	38.10	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.37	276	747179	32.26	ng		95
87) Benzo(b)fluoranthene	14.74	252	1160854m	44.35	ng		
88) Benzo(k)fluoranthene	14.78	252	611294m	28.52	ng		
89) Benzo(a)pyrene	15.06	252	814050	36.06	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	621808	32.68	ng	#	93
91) Benzo(g,h,i)perylene	16.73	276	628639	32.52	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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